

Converting Colors

RGB(187, 255, 198)

Have a look what the booklet for
RGB(187, 255, 198) contains.

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Color

RGB(187, 255, 198)

Conversions

Conversions Part 1

Format	Color
Hex	BBFFC6
RGB	187, 255, 198
RGB Percent	73%, 100%, 78%
CMY	0.2667, 0.0000, 0.2235
CMYK	0.27, 0.00, 0.22, 0.00
HSL	130°, 100%, 87%
HSV	130°, 27%, 100%
XYZ	66.4466, 86.1620, 66.5549
YIQ	228.1700, -22.2310, -32.1430

Conversions

Conversions Part 2

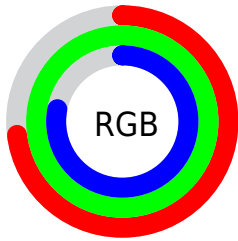
Format	Color
RYB	187, 246, 255
Decimal	12320710
CIELab	94.38, -32.02, 20.58
CIElCh	94, 38.065, 147.274
Yxy	86.1620, 0.3032, 0.3931
Android (android.graphics.Color)	4290510790 (0xFFBBFFC6)
YUV	228.1700, -14.8738, -36.1061
Hunter-Lab	92.8235, -34.6641, 22.4652

Details

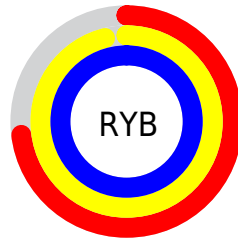
The RGB color **187, 255, 198** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 187, 244**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **244, 255, 255**, and **132, 198, 144** is the 20% darker color. If you saturate the color by 10%, you get **162, 255, 177**, and if you desaturate by 10%, it is **212, 255, 219**.

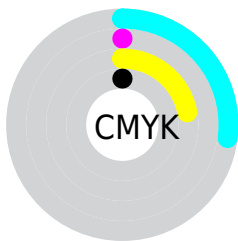
Distribution



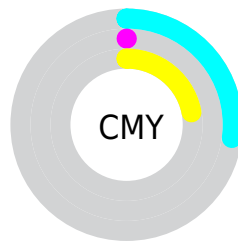
- Red (73%)
- Green (100%)
- Blue (78%)



- Red (73%)
- Yellow (96%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 255, 198 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 187, 255, 198 by changing the saturation by 10% instead.

 187, 255, 198

255, 255, 255


 244, 255, 255


 187, 255, 198

 159, 226, 171

 132, 198, 144

 106, 170, 118

 80, 144, 93

 54, 118, 69

 27, 93, 47

 0, 69, 25

 0, 45, 0

 0, 24, 0

 187, 255, 198

 187, 255, 198

 162, 255, 177

 212, 255, 219

 136, 255, 155

 238, 255, 241

 110, 255, 134

255, 255, 255

 85, 255, 113

 59, 255, 91

 34, 255, 70

 8, 255, 48

 0, 255, 41

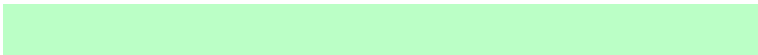
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230, 247, 173



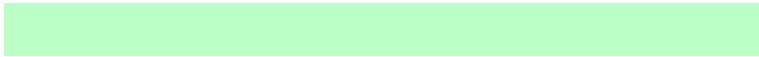
187, 255, 198



146, 255, 234

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 255, 198



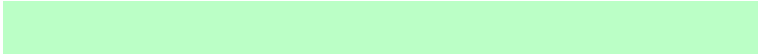
186, 243, 255



255, 214, 207

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



187, 255, 198



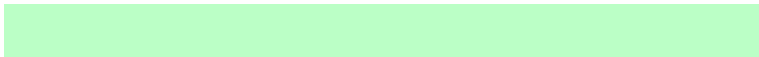
255, 187, 244

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 212, 244



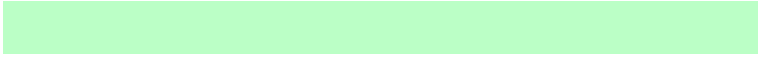
187, 255, 198



240, 231, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187, 255, 198



138, 253, 255



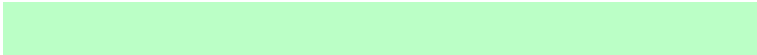
255, 218, 255



255, 223, 178

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187, 255, 198



126, 255, 255



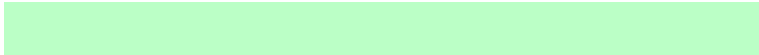
255, 218, 255



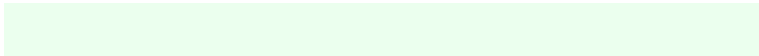
255, 212, 219

Sweetspot

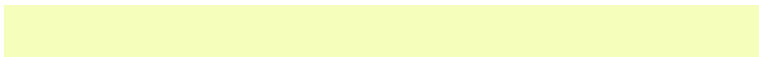
The Sweet Spot groups the original color and five complimentary colors.



187, 255, 198



235, 255, 238



245, 255, 187



115, 128, 117



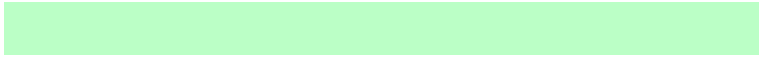
0, 0, 0



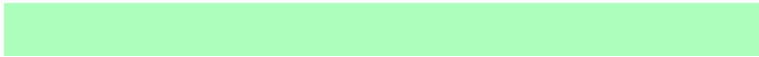
128, 128, 128

Same Dimension

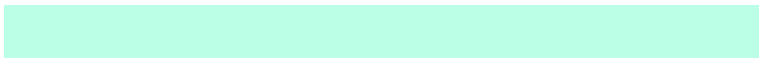
The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 255, 198



173, 255, 187



187, 255, 231



115, 128, 117



0, 191, 31



0, 64, 10

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



255, 187, 244



255, 173, 242



255, 187, 211



128, 115, 125



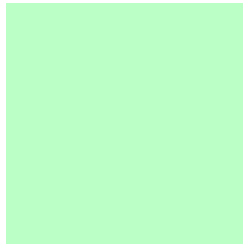
191, 0, 160



64, 0, 53

Previews

White Background



This preview shows how the RGB color 187, 255, 198 looks on a white background.

Color Contrast Check

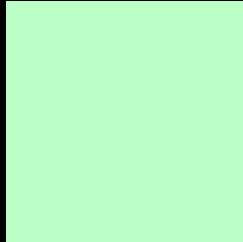
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 187, 255, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

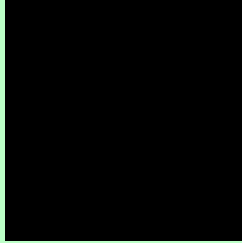
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

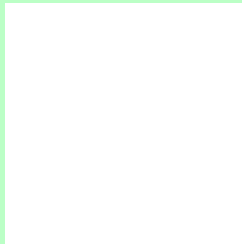
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 187, 255, 198 Background



This preview shows how black text looks on a background with the RGB color 187, 255, 198.

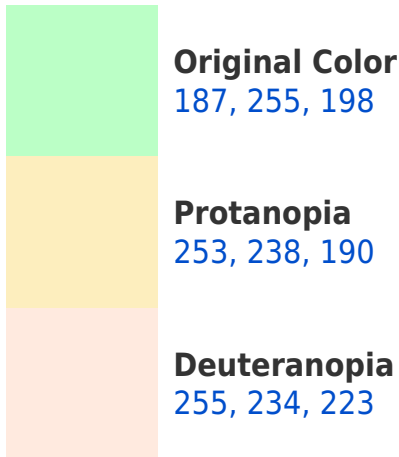


This preview shows how white text looks on a background with the RGB color 187, 255, 198.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

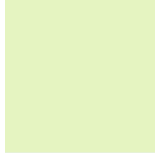
216, 243, 255

Trichromacy



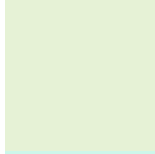
Original Color

187, 255, 198



Protanomaly

229, 244, 193



Deuteranomaly

230, 242, 214



Tritanomaly

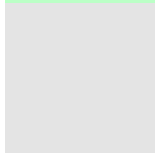
205, 247, 234

Monochromacy



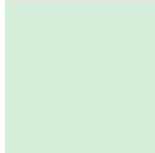
Original Color

187, 255, 198



Achromatopsia

228, 228, 228



Achromatomaly

213, 238, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 255, 198 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 198) }
```

Border

The CSS property to change the border of an element to RGB 187, 255, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

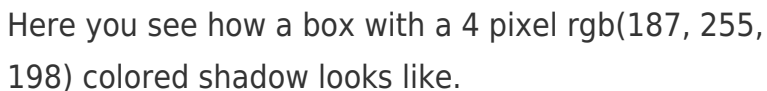
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 255, 198) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 255, 198) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(187, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 255, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 255, 198); box-shadow:4px 4px 4px 4px rgb(187, 255, 198) }
```

Background

The CSS property to change the background color of an element to RGB 187, 255, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
255, 198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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